

# Electricity: The Invisible Killer

## 1 Who Should Attend . . .

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## 2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance.

The MIOSHA Training Institute introduced a new certification program, effective October 1, 2007. This course is an MTI Level 1 course. The certification program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise.

Courses will be offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certification program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## 3 What You'll Learn . . .

Electrocutions continue to be one of the leading causes of fatalities in construction. This program will explain and illustrate safety practices the electrical industry uses before performing work on energized overhead lines. There will be special emphasis on the importance of recognizing and eliminating hazards to avoid the possibility of any contact with energized circuits. Also covered in the program will be MIOSHA standards that apply to energized line clearances; what constitutes a fatal amount of current; how to determine voltages and when overhead lines need to be de-energized.

### Agenda

*We offer a flexible program agenda to emphasize the construction topics you want most.*

- ▶ Standards That Apply To Energized Line Clearances.
- ▶ What Constitutes Fatal Amount Of Current.
- ▶ How To Determine Voltages.
- ▶ When Overhead Lines Need To Be De-energized.

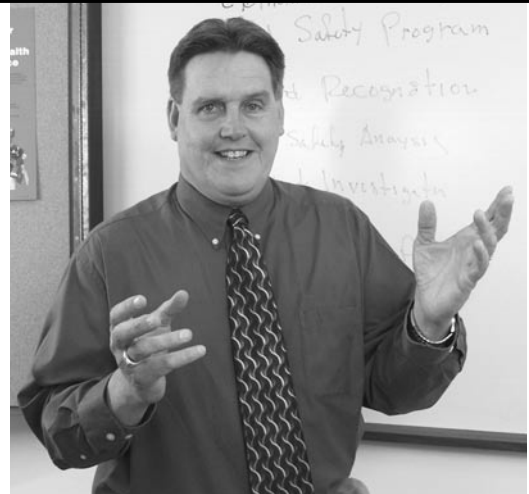
Required Class for  
Construction Level One  
MTI Certification

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517.322.1809. The Department of Labor & Economic Growth is an equal opportunity employer/program.

# Facilitator

Patrick Sullivan began his MIOSHA career as a compliance officer with the Construction Safety Division in 1994. Seeking a new challenge he transferred to the CET Division as a traditional consultant specializing in construction safety. He enjoys reaching out to employers and employees to help them be proactive instead of reactive to jobsite safety.

In 1976 Patrick started as a laborer and then in 1977 joined the Bricklayers Union as an apprentice. After completing his apprenticeship Patrick worked on many of Detroit's major building restoration projects. His MIOSHA enforcement experience and extensive knowledge of all types of scaffolding, fall protection and all other aspects of the construction industry make him a valuable teacher and consultant for the CET Division. His experiences investigating serious construction accidents and fatalities make him a passionate advocate for preplanning construction projects and promoting safety on every jobsite.



**Patrick Sullivan**  
*Construction Safety Consultant,  
MIOSHA, CET Division*

## Program Details

DATE:	January 15, 2009	TIME:	Check-in - 8:30 a.m. Program - 9:00 a.m. to 12:00 p.m.
LOCATION:	Washtenaw Community College 4800 East Huron River Drive Morris J. Lawrence Building Ann Arbor, Michigan 48105	DEADLINE:	Register by January 10, 2009 Please register early!
COST:	\$60 per person. Includes course materials. Certification/Maintenance Points Available	CONTACT:	Larry Pickel - 734.677.5259 lpickel@wccnet.edu

**COSPONSOR: Washtenaw Community College**

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

## How to Register

### Electricity: The Invisible Killer

- **Mail:** *(Check or Money Order Only)*  
Lifelong Learning Registration  
Student Records Office SC 203  
Washtenaw Community College  
4800 East Huron River Drive  
Ann Arbor, MI 48105-4800
- **Web:** *(Credit Card Only)*  
[www.wccnet.edu/lifelong-learning/](http://www.wccnet.edu/lifelong-learning/)  
(Click 1) Licensing & Certification  
(Click 2) Architects, Designers, and  
Builders: **MIOSHA**

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Birth Date: \_\_\_\_\_ (Needed for Registration)

*(Please Attach Check or Money Order)*

ELE 4020 01 Course and Section CRN:15730

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.